

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

L2	26	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L3	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L4	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L5	3	L3 L4	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L6	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L7	2	L5 and L6	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

L8	22	"20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L9	2	(second with scoring) and L8	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L10	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$.did.				
L11	26	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$.did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$.did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$.did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L12	2	(US-5679940-\$ or US-5679938-\$.did.	USPAT	OR	OFF	2009/10/25 15:54
L13	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L14	3	L12 L13	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L15	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

L16	2	L14 and L15	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L17	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L18	2	(second with scoring) and L17	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L19	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
L20	26	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L21	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L22	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L23	3	L21 L22	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

L24	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L25	2	L23 and L24	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L26	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L27	2	(second with scoring) and L26	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L28	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		(US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
L29	26	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L30	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L31	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54



L32	3	L30 L31	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L33	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L34	2	L32 and L33	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L35	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L36	2	(second with scoring) and L35	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L37	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
L38	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L39	2	(US-5679940-\$ or US- 5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54

L40	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L41	3	L39 L40	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L42	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L43	2	L41 and L42	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L44	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L45	2	(second with scoring) and L44	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L46	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
L47	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

L48	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L49	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L50	3	L48 L49	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L51	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L52	2	L50 and L51	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L53	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L54	2	(second with scoring) and L53	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L55	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
L56	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
L57	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L58	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L59	3	L57 L58	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L60	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L61	2	L59 and L60	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L62	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L63	2	(second with scoring) and L62	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L64	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54

		20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
L65	26	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54



		6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
L66	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/10/25 15:54
L67	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L68	3	L66 L67	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L69	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L70	2	L68 and L69	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L71	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L72	2	(second with scoring) and L71	US-PGPUB; USPAT	OR	OFF	2009/10/25 15:54
L73	2021	first same second same scor\$3	EPO; JPO; DERWENT	OR	OFF	2009/10/25 15:55
L76	822	(select\$3 identif\$3 choos \$3 pick\$3) with (scor\$3 assessment) near3 (engine algorithm)	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:39
L77	739	(multiple plural\$) with (score\$3 assess\$5 evaluat \$4) near3 (engin\$3 algorithm\$ system\$2)	EPO; JPO; DERWENT	OR	OFF	2009/10/25 16:41
L78	6305	(multiple plural\$) with (score\$3 assess\$5 evaluat \$4) near3 (engin\$3 algorithm\$ system\$2)	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:41
L81	989	(select\$3 identif\$3 choos \$3 pick\$3) with (multiple plural\$) with (score\$3 assess\$5 evaluat\$4) near3 (engin\$3 algorithm\$ system\$2)	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:42
L82	0	((post adj score) postscore) same risk	EPO; JPO; DERWENT	OR	OFF	2009/10/25 16:43

L83	6	((post adj score) postscore)	EPO; JPO; DERWENT	OR	OFF	2009/10/25 16:43
L84	1	((post adj score) postscore) and risk\$	EPO; JPO; DERWENT	OR	OFF	2009/10/25 16:44
L85	29197	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:44
L86	0	705/36.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L87	1990	705/38.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L88	4816	705/35.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L89	641	705/42.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L90	3251	235/379.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L91	5164	235/380.ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:45
L92	121	l85 and l81	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:46
L93	0	@py> "20020107"	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:47
L94	3599249	@pd> "20020107"	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:47
L95	3301760	s l92 not l94	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:48
L96	20	l92 not l94	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:48
L97	1	l96 and financ\$	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:48
L98	1	l96 and 705/?ccls.	US-PGPUB; USPAT	OR	OFF	2009/10/25 16:49
S1	50	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/02/04 10:52

		20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
S2	49	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/06/06 14:07

		20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S3	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2008/06/06 15:05
S4	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:05
S5	3	S3 S4	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:06
S6	24851	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:06
S7	2	S5 and S6	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:07
S8	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/11 06:56
S9	2	(second with scoring) and S8	US-PGPUB; USPAT	OR	OFF	2008/08/11 06:57
S10	47	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05

		20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
S11	47	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05

		20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S12	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2008/08/11 12:05
S13	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S14	3	S12 S13	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S15	25386	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S16	2	S14 and S15	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S17	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S18	2	(second with scoring) and S17	US-PGPUB; USPAT	OR	OFF	2008/08/11 12:05
S19	45	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50

		20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
S20	45	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US-	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50

		20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S21	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2008/11/23 21:50
S22	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S23	3	S21 S22	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S24	26280	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S25	2	S23 and S24	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S26	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S27	2	(second with scoring) and S26	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50



S28	45	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
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S29	45	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S30	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2008/11/23 21:50
S31	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S32	3	S30 S31	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S33	26280	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S34	2	S32 and S33	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50

S35	22	"20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S36	2	(second with scoring) and S35	US-PGPUB; USPAT	OR	OFF	2008/11/23 21:50
S37	41	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

		6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S38	41	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S39	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/04/25 16:08
S40	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S41	3	S39 S40	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S42	27590	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

S43	2	S41 and S42	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S44	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S45	2	(second with scoring) and S44	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S46	41	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740-	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

		\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S47	41	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S48	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/04/25 16:08
S49	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S50	3	S48 S49	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

S51	27590	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S52	2	S50 and S51	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S53	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S54	2	(second with scoring) and S53	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S55	41	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

		(US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.				
S56	41	(US-20030216988-\$ or US-20030233325-\$ or US-20040245330-\$ or US-20050125350-\$ or US-20030130919-\$ or US-20030183689-\$ or US-20030187786-\$ or US-20030187790-\$ or US-20030187796-\$ or US-20050080716-\$ or US-20050080717-\$ or US-20050080738-\$ or US-20050091132-\$ or US-20050133588-\$ or US-20050137975-\$ or US-20050149430-\$ or US-20050149438-\$ or US-20060006227-\$ or US-20070034682-\$ or US-20070138257-\$ or US-20070138259-\$ or US-20070162761-\$ or US-20060100957-\$ or US-20050125296-\$ or US-20050125338-\$ or US-20050125339-\$).did. or (US-20050125351-\$ or US-20050125360-\$ or US-20050149455-\$ or US-20070073615-\$ or US-20030018549-\$ or US-20030225651-\$ or US-20030216987-\$ or US-20030216989-\$ or US-20030217014-\$ or US-20030225686-\$ or US-20050035191-\$).did. or (US-5679940-\$ or US-5679938-\$ or US-7246740-\$ or US-6119103-\$ or US-6948656-\$ or US-7131571-\$ or US-7152788-\$ or US-6658393-\$ or US-6978927-\$ or US-7257246-\$ or US-6581043-\$ or US-5680305-\$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S57	2	(US-5679940-\$ or US-5679938-\$).did.	USPAT	OR	OFF	2009/04/25 16:08
S58	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08



S59	3	S57 S58	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S60	27590	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S61	2	S59 and S60	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S62	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S63	2	(second with scoring) and S62	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S64	41	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

		20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.				
S65	41	(US-20030216988-\$ or US- 20030233325-\$ or US- 20040245330-\$ or US- 20050125350-\$ or US- 20030130919-\$ or US- 20030183689-\$ or US- 20030187786-\$ or US- 20030187790-\$ or US- 20030187796-\$ or US- 20050080716-\$ or US- 20050080717-\$ or US- 20050080738-\$ or US- 20050091132-\$ or US- 20050133588-\$ or US- 20050137975-\$ or US- 20050149430-\$ or US- 20050149438-\$ or US- 20060006227-\$ or US- 20070034682-\$ or US- 20070138257-\$ or US- 20070138259-\$ or US- 20070162761-\$ or US- 20060100957-\$ or US- 20050125296-\$ or US- 20050125338-\$ or US- 20050125339-\$).did. or (US-20050125351-\$ or US- 20050125360-\$ or US- 20050149455-\$ or US- 20070073615-\$ or US- 20030018549-\$ or US- 20030225651-\$ or US- 20030216987-\$ or US- 20030216989-\$ or US- 20030217014-\$ or US- 20030225686-\$ or US- 20050035191-\$).did. or (US-5679940-\$ or US- 5679938-\$ or US-7246740- \$ or US-6119103-\$ or US- 6948656-\$ or US-7131571- \$ or US-7152788-\$ or US- 6658393-\$ or US-6978927- \$ or US-7257246-\$ or US- 6581043-\$ or US-5680305- \$ or US-5774883-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S66	2	(US-5679940-\$ or US- 5679938-\$).did.	USPAT	OR	OFF	2009/04/25 16:08

S67	1	"20020116323".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S68	3	S66 S67	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S69	27590	first same second same scor\$3	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S70	2	S68 and S69	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S71	22	("20020032645"   "20020040344"   "20020178112"   "20030023557"   "20030032645"   "20030033252"   "20030093368"   "20030217003"   "20040034583"   "5677955"   "5920847"   "6164528"   "6247000"   "6411942"   "6430539"   "6647376"   "6658393"   "6757664"   "6839682"   "6999943"   "7251624"   "7333953").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08
S72	2	(second with scoring) and S71	US-PGPUB; USPAT	OR	OFF	2009/04/25 16:08

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L74	16026	first same second same scor\$3	USPAT; UPAD	OR	OFF	2009/10/25 15:55
L75	405	(select\$3 identif\$3 choos \$3 pick\$3) with (scor\$3 assessment) near3 (engine algorithm)	USPAT; UPAD	OR	OFF	2009/10/25 16:39
L79	2980	(multiple plural\$) with (score\$3 assess\$5 evaluat \$4) near3 (engin\$3 algorithm\$ system\$2)	USPAT; UPAD	OR	OFF	2009/10/25 16:41
L80	478	(select\$3 identif\$3 choos \$3 pick\$3) with (multiple plural\$) with (score\$3 assess\$5 evaluat\$4) near3 (engin\$3 algorithm \$ system\$2)	USPAT; UPAD	OR	OFF	2009/10/25 16:42
L99	266	705/36.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:50
L100	891	705/38.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:50
L101	2394	705/35.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:50
L102	371	705/42.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:51
L103	2488	235/379.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:51

L104	3837	235/380.ccls.	USPAT; UPAD	OR	OFF	2009/10/25 16:51
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**10/ 25/ 09 4:51:59 PM**

**C:\ Documents and Settings\ kcampen\ My Documents\ EAST\ workspaces\ 10041765.wsp**